

Title (en)  
METHOD FOR AUGMENTED AND VIRTUAL REALITY

Title (de)  
VERFAHREN FÜR EINE ERWEITERTE VIRTUELLE REALITÄT

Title (fr)  
PROCÉDÉ POUR RÉALITÉ AUGMENTÉE ET VIRTUELLE

Publication  
**EP 4193906 A1 20230614 (EN)**

Application  
**EP 23152829 A 20140311**

Priority  
• US 201361776771 P 20130311  
• EP 14778352 A 20140311  
• US 2014023739 W 20140311

Abstract (en)  
One embodiment is directed to a system for enabling two or more users to interact within a virtual world comprising virtual world data, comprising a computer network comprising one or more computing devices, the one or more computing devices comprising memory, processing circuitry, and software stored at least in part in the memory and executable by the processing circuitry to process at least a portion of the virtual world data; wherein at least a first portion of the virtual world data originates from a first user virtual world local to a first user, and wherein the computer network is operable to transmit the first portion to a user device for presentation to a second user, such that the second user may experience the first portion from the location of the second user, such that aspects of the first user virtual world are effectively passed to the second user.

IPC 8 full level  
**A61B 3/10** (2006.01); **G02B 27/01** (2006.01)

CPC (source: EP IL KR US)  
**G02B 27/0093** (2013.01 - IL US); **G02B 27/017** (2013.01 - EP IL US); **G02B 27/0172** (2013.01 - IL KR US); **G06F 3/013** (2013.01 - EP IL KR US); **G06F 3/016** (2013.01 - EP IL US); **G06F 3/017** (2013.01 - EP IL US); **G06T 1/20** (2013.01 - IL US); **G06T 7/73** (2017.01 - EP IL US); **G06T 19/006** (2013.01 - EP IL KR US); **G09G 5/006** (2013.01 - IL US); **H04L 67/10** (2013.01 - IL US); **H04L 67/131** (2022.05 - IL US); **G02B 2027/0127** (2013.01 - EP IL US); **G02B 2027/0138** (2013.01 - EP IL KR US); **G02B 2027/014** (2013.01 - EP IL KR US); **G02B 2027/0178** (2013.01 - IL US); **G02B 2027/0187** (2013.01 - EP IL KR US); **G06T 2207/30201** (2013.01 - IL US); **G06T 2219/024** (2013.01 - IL US); **G09G 2370/02** (2013.01 - IL US); **G09G 2370/20** (2013.01 - IL US)

Citation (search report)  
• [A] EP 1710002 A1 20061011 - CANON KK [JP]  
• [A] US 2012249416 A1 20121004 - MACIOCCI GIULIANO [GB], et al  
• [A] US 2012113092 A1 20120510 - BAR-ZEEV AVI [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2014164901 A1 20141009**; AU 2014248874 A1 20151001; AU 2014248874 B2 20190711; AU 2019240661 A1 20191024; AU 2019240661 B2 20200430; AU 2020210147 A1 20200813; AU 2020210147 B2 20210729; AU 2021258005 A1 20211125; AU 2021258005 B2 20221117; AU 2023200677 A1 20230309; AU 2023200677 B2 20240215; AU 2024203150 A1 20240530; CA 2905427 A1 20141009; CA 2905427 C 20220712; CA 3157218 A1 20141009; CN 105188516 A 20151223; CN 105188516 B 20171222; EP 2967322 A1 20160120; EP 2967322 A4 20170208; EP 4193906 A1 20230614; IL 259324 A 20180731; IL 259324 B 20201029; IL 259325 A 20180731; IL 259325 B 20210228; IL 281669 A 20210531; IL 281669 B 20220201; IL 289419 A 20220201; IL 298018 A 20230101; IL 298018 B1 20231201; IL 298018 B2 20240401; IL 308285 A 20240101; IL 308285 B1 20240701; IL 313175 A 20240701; JP 2016522463 A 20160728; JP 2017107604 A 20170615; JP 2019139781 A 20190822; JP 2021082310 A 20210527; JP 2022036160 A 20220304; JP 2024028376 A 20240304; JP 6499154 B2 20190410; JP 6556776 B2 20190807; JP 7002684 B2 20220120; KR 102270699 B1 20210628; KR 102387314 B1 20220414; KR 102516124 B1 20230329; KR 20150126938 A 20151113; KR 20210080605 A 20210630; KR 20220050235 A 20220422; KR 20230044041 A 20230331; KR 20230173231 A 20231226; US 10068374 B2 20180904; US 10126812 B2 20181113; US 10163265 B2 20181225; US 10234939 B2 20190319; US 10282907 B2 20190507; US 10629003 B2 20200421; US 11087555 B2 20210810; US 11663789 B2 20230530; US 12039680 B2 20240716; US 2014306866 A1 20141016; US 2015234462 A1 20150820; US 2015234463 A1 20150820; US 2015235429 A1 20150820; US 2015235433 A1 20150820; US 2015235434 A1 20150820; US 2015235435 A1 20150820; US 2015235610 A1 20150820; US 2020211291 A1 20200702; US 2021335049 A1 20211028; US 2023252744 A1 20230810

DOCDB simple family (application)  
**US 2014023739 W 20140311**; AU 2014248874 A 20140311; AU 2019240661 A 20191003; AU 2020210147 A 20200727; AU 2021258005 A 20211028; AU 2023200677 A 20230208; AU 2024203150 A 20240513; CA 2905427 A 20140311; CA 3157218 A 20140311; CN 201480026513 A 20140311; EP 14778352 A 20140311; EP 23152829 A 20140311; IL 25932418 A 20180514; IL 25932518 A 20180514; IL 28166921 A 20210321; IL 28941921 A 20211227; IL 29801822 A 20221107; IL 30828523 A 20231105; IL 31317524 A 20240528; JP 2016501326 A 20140311; JP 2017046806 A 20170310; JP 2019046952 A 20190314; JP 2021006458 A 20210119; JP 2021212164 A 20211227; JP 2024000139 A 20240104; KR 20157028273 A 20140311; KR 20217019351 A 20140311; KR 20227011920 A 20140311; KR 20237010309 A 20140311; KR 20237043300 A 20140311; US 201414205126 A 20140311; US 201514702707 A 20150502; US 201514702709 A 20150502; US 201514702710 A 20150502; US 201514703854 A 20150504; US 201514703863 A 20150504; US 201514703867 A 20150504; US 201514703871 A 20150504; US 202016813671 A 20200309; US 202117367848 A 20210706; US 202318301932 A 20230417